

ABSTRACT OF THE DISCLOSURE

In a method and apparatus for determining an aspiration flow and an aspiration time during aspiration of a dead space, the aspiration is made more effective by determining the volume of the dead space to be aspired during an expiration, determining an expiration flow with respect to time during at least a latter part of the expiration, and optimizing the aspiration time and the aspiration flow from the determined volume of the dead space and the measured expiration flow with respect to time is such a way that the dead space can be aspirated during an ongoing expiration with a minimum of interference to the flow balance in the expiration flow as observed from a point upstream and/or downstream the dead space.

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